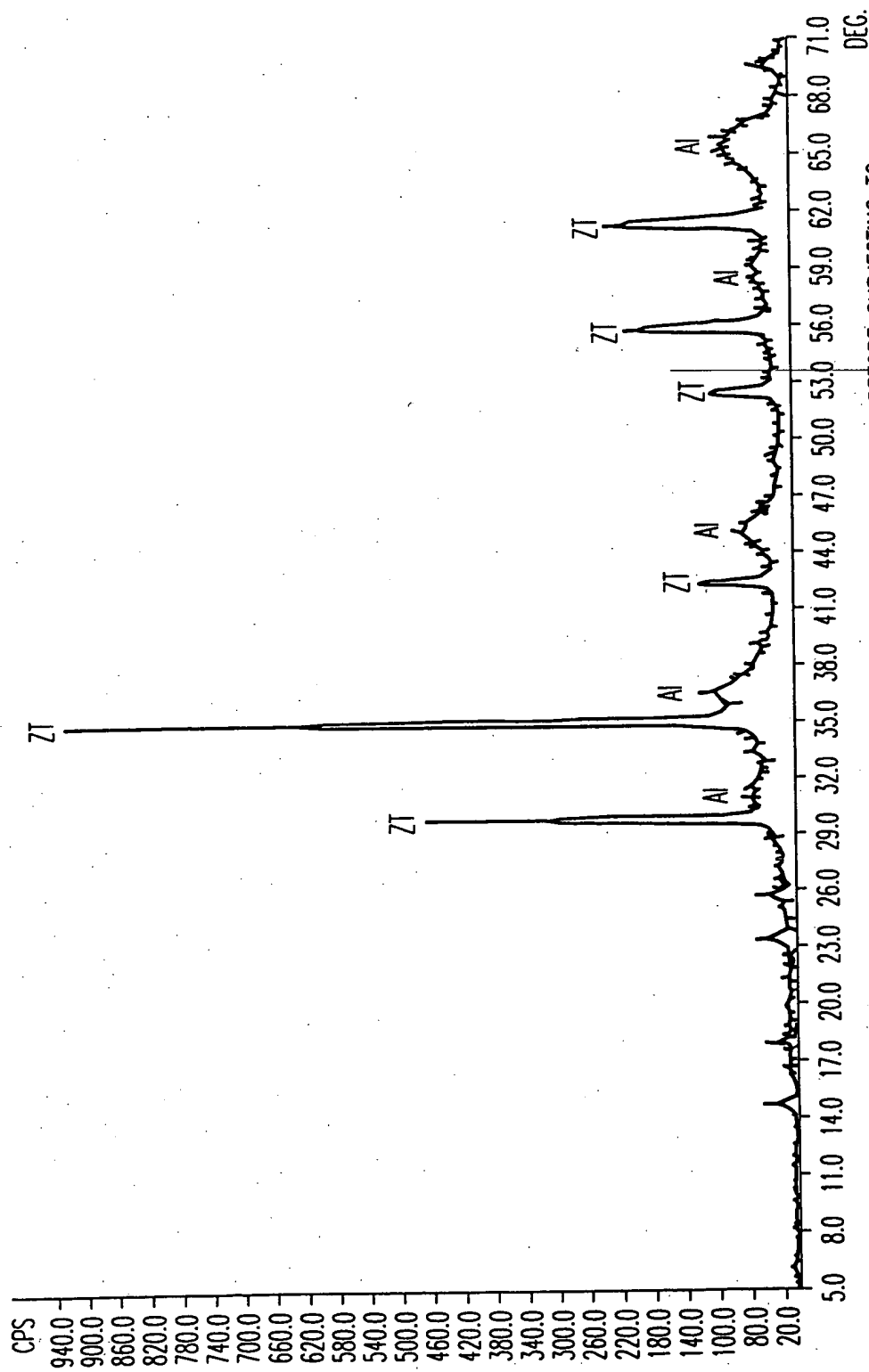


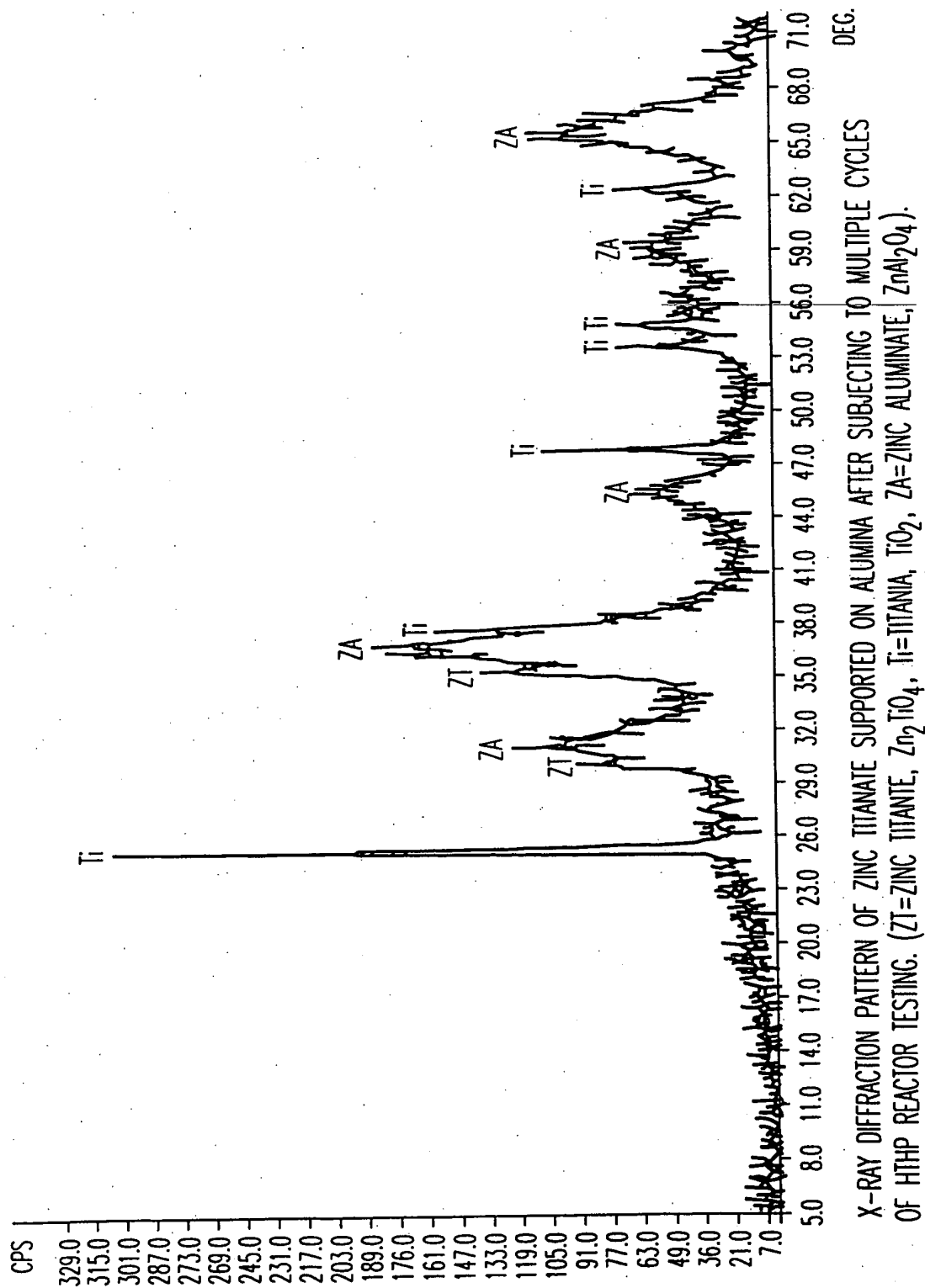
TGA PICKUP OF H₂S GAS FOR ZINC TITANATE
SORBENT SUPPORTED ON ALUMINA.

FIG. 1



X-RAY DIFFRACTION PATTERN OF ZINC TITANATE SUPPORTED ON ALUMINA BEFORE SUBJECTING TO MULTIPLE CYCLES OF HTHP REACTOR TESTING. (Zr=ZINC TITANATE, Zr_2TiO_4 , Al=ALUMINA, Al_2O_3)

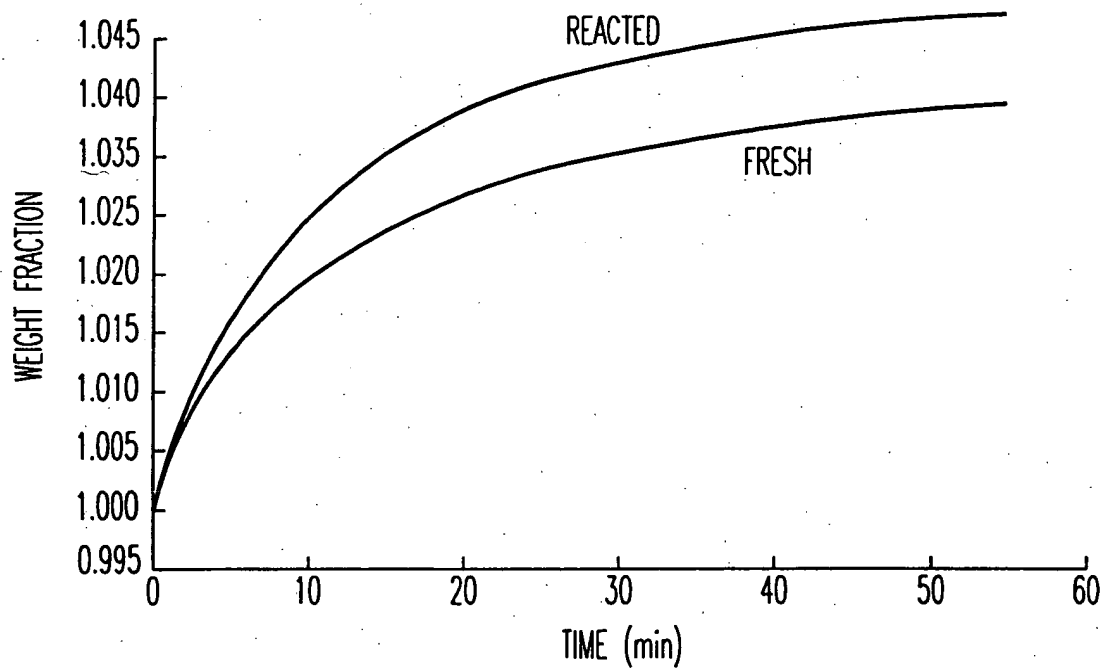
FIG. 2



X-RAY DIFFRACTION PATTERN OF ZINC TITANATE SUPPORTED ON ALUMINA AFTER SUBJECTING TO MULTIPLE CYCLES OF HTHP REACTOR TESTING. (ZT=ZINC TITANATE, Zn_2TiO_4 , Ti=TIITANIA, TiO_2 , ZA=ZINC ALUMINATE, $ZnAl_2O_4$).

FIG. 3





TGA PICKUP OF H₂S GAS FOR ZINC TITANATE
SORBENT SUPPORTED ON ZINC ALUMINATE.

FIG. 5